

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF US 40 AND LONG BAR HARBOR ROAD IN HARFORD COUNTY. US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

CONTROLLER OPERATION

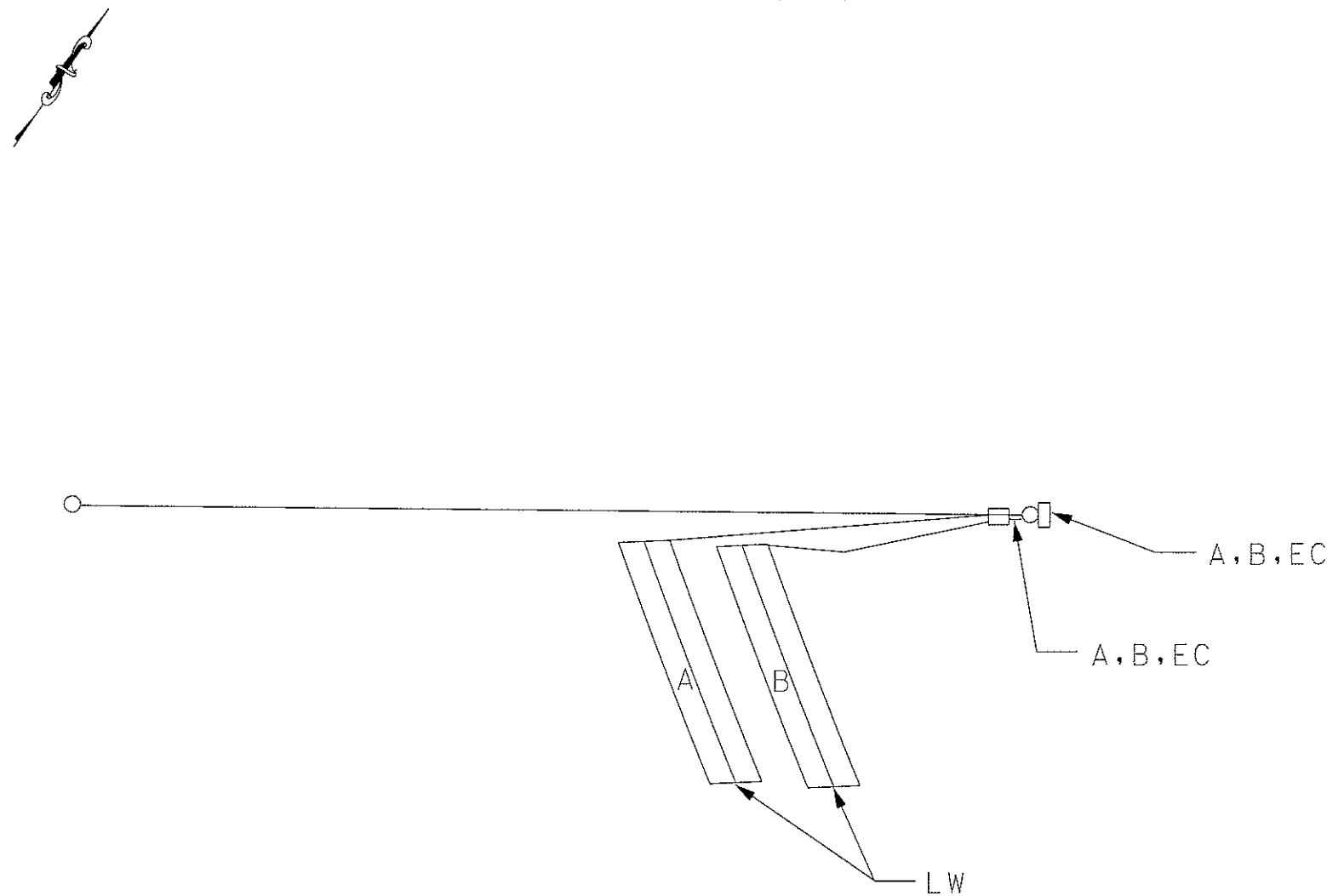
THE EXISTING CONTROLLER OPERATES AS A SIX PHASE FULL-TRAFFIC-ACTUATED CONTROLLER HOUSED IN A POLE MOUNTED CABINET. CONTROLLER OPERATION WILL NOT CHANGE.

PHASING WILL NOT CHANGE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.		
<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
1001	LS	MAINTENANCE OF TRAFFIC
5002	4 EA	FURNISH AND INSTALL HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING LETTERS
5003	2 EA	FURNISH AND INSTALL HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING ARROW
5005	40 LF	FURNISH AND INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING
8058	30 LF	FURNISH AND INSTALL WOOD SIGN SUPPORTS 4" X 4"
8062	25 LF	FURNISH AND INSTALL 1 IN. ELECTRICAL CONDUIT GALVANIZED SLEEVE
8081	50 LF	FURNISH AND INSTALL ELECTRICAL CABLE 2-CONDUCTOR (ALUMINUM SHIELDED)
8087	905 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 A.W.G.)
8088	250 LF	FURNISH AND INSTALL SAW CUT FOR LOOP DETECTOR
---	1 EA	RELOCATE EXISTING SIGN
---	1 EA	FURNISH AND INSTALL R3-5(R) SIGN (30" X 36") SPAN WIRE MOUNT
---	2 EA	FURNISH AND INSTALL R3-7(R) SIGN (30" X 30") GROUND MOUNT

WIRING DIAGRAM



A-B 2-CONDUCTOR ELECTRICAL
CABLE (NO. 14 A.W.G.) ALUMINUM
SHIELDED
LW LOOP WIRE (NO. 14 A.W.G.)
EC EXISTING CABLE

EQUIPMENT LIST "A"

A. APPROVED SHA EQUIPMENT TO BE PURCHASED BY THE DEVELOPER AND INSTALLED BY THE CONTRACTOR. ALL EQUIPMENT IN THIS LIST SHALL HAVE CATALOG CUTS SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

MR. JOSEPH MCMAHON ASSISTANT DISTRICT ENGINEER - UTILITIES (410) 321-2841	
MR. RANDALL SCOTT ASSISTANT DISTRICT ENGINEER - TRAFFIC (410) 321-2781	MR. DAVE RAMSEY ASSISTANT DISTRICT ENGINEER - MAINTENANCE (410) 321-2761
CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY	
MR. RICHARD DAFF SR. CHIEF, TRAFFIC OPERATIONS (410) 787-7630	MR. EUGENE BAILEY TEAM LEADER SIGN OPERATIONS (410) 787-7676
MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS (410) 787-7631	MR. DAVID SCHWARTZ SUPPLY OFFICE IV (SIGNAL SHOP WAREHOUSE) (410) 787-7668
MR. ED RODENHIZER TEAM LEADER SIGNAL OPERATIONS (410) 787-7652	

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANDOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

SHALL BECOME THE PROPERTY OF THE CONTRACTOR

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION
US 40 AT LONG BAR HARBOR ROAD

DRAWN BY: M.HOWELL	F.A.P. NO. CMG-STPG-0005(134)	TS NO. 3361B	SHEET NO. 2 OF 2
CHECKED BY: J.ZAYDEL	S.H.A. NO. BW-996M82	T.I.M.S. NO. F168	
SCALE: 1" = 20'	COUNTY: HARFORD		
DATE: 2-15-02	LOG MILE: 12004006.85		